



Docket No. 5095-4068

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Yoshifumi KATO  
Serial No : 10/674,492  
Filed : September 30, 2003  
Group Art Unit: 2871  
For : LIGHT-EMITTING DEVICE, DISPLAY UNIT AND LIGHTING  
UNIT

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

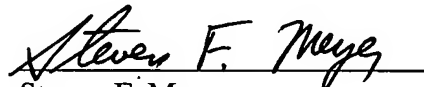
**CERTIFICATE OF MAILING (37 C.F.R. 1.8a)**

Sirs:

I hereby certify that the attached (1) Preliminary Amendment, (2) Information Disclosure Statement, (3) PTO Form 1449, (4) Six references, (5) Communication dated December 23, 2003, (6) Return receipt postcard, and this Certificate of Mailing are being deposited with the United States Postal Service on date shown below with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

Dated: February 25, 2004

  
Steven F. Meyer  
Registration No. 35,613

CORRESPONDENCE ADDRESS:  
MORGAN & FINNEGAN L.L.P.  
345 Park Avenue  
New York, New York 10154  
(212) 758-4800  
(212) 751-6849 (Facsimile)



P.B.5818 - Patentlaan 2  
2280 HV Rijswijk (ZH)  
☎ +31 70 340 2040  
TX 31651 epo nl  
FAX +31 70 340 3016

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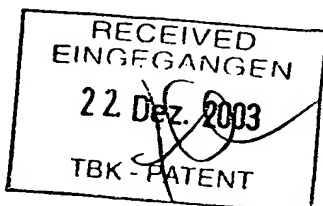
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recherche

Leson, Thomas Johannes Alois, Dipl.-Ing.  
Tiedtke-Bühling-Kinne & Partner GbR,  
TBK-Patent,  
Bavariaring 4  
80336 München  
ALLEMAGNE



Datum/Date  
23.12.03

Zeichen/Ref./Réf. <b>EP 39742</b>	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. <b>03021955.4-2205-</b>
Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire <b>Kabushiki Kaisha Toyota Jidoshokki</b>	

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☐ abstract

☒ title

☒ The abstract was modified by the Search Division and the definitive text is attached to this communication.

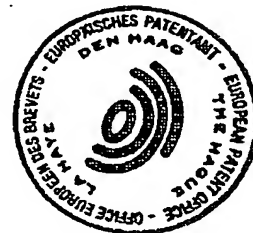
The following figure will be published together with the abstract:

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WU: 23.2. ✓

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
A	BURROWS P E ET AL: "CONTROL OF MICROCAVITY EFFECTS IN FULL COLOR STACKED ORGANIC LIGHT EMITTING DEVICES" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS, NEW YORK, US, vol. 73, no. 4, 27 July 1998 (1998-07-27), pages 435-437, XP000774905 ISSN: 0003-6951 * the whole document *	1-23	
A	FUKUDA Y ET AL: "AN ORGANIC LED DISPLAY EXHIBITING PURE RGB COLORS" SYNTHETIC METALS, ELSEVIER SEQUOIA, LAUSANNE, CH, vol. 111/112, 1 June 2000 (2000-06-01), pages 1-6, XP000965771 ISSN: 0379-6779 * the whole document *	1-23	
			TECHNICAL FIELDS SEARCHED (Int.CI.7)
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 28 November 2003	Examiner Girardin, F
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div><div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</div></div>			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 02 1955

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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28-11-2003

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## ABSTRACT / ZUSAMMENFASSUNG / ABREGE

03021955.4

A light-emitting device includes a light source body and a plurality of resonant cavities (31,32,33). The light source body (25) generates light. Each of the plurality of resonant cavities resonates light with a predetermined wavelength. Each of the wavelengths of the light resonated by the resonant cavities is different from at least one of the other wavelengths of the light resonated by the resonant cavities.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	NAKAYAMA T ET AL: "INVESTIGATIONS ON MULTICOLOR DISPLAY BY ORGANIC LUMINESCENT DEVICES WITH OPTICAL MICROACTIVITY STRUCTURE" ELECTRONICS & COMMUNICATIONS IN JAPAN, PART II - ELECTRONICS, SCRIPTA TECHNICA. NEW YORK, US, vol. 78, no. 2, 1 February 1995 (1995-02-01), pages 98-104, XP000526351 ISSN: 8756-663X * I. Introduction * * 2.3.2 Simulation of waveform * * figures 1,2,6,7,9,10 *	1-4, 8-11,16	H01L51/20 H05B33/22
Y		7,12-15	
X	US 5 682 402 A (NAKAYAMA TAKAHIRO ET AL) 28 October 1997 (1997-10-28) * column 3, line 42 - column 4, line 21 * * figures 1A,1B,5A,5B-1,5B-2,5C *	1-3,5,8, 10	
Y		7,12-15	
Y	US 5 804 919 A (JAFFE IRVING ET AL) 8 September 1998 (1998-09-08) * claim 6 *	7	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H01L H05B
Y	DODABALAPUR A ET AL: "COLOR VARIATION WITH ELECTROLUMINESCENT ORGANIC SEMICONDUCTORS IN MULTIMODE RESONANT CAVITIES" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 65, no. 18, 31 October 1994 (1994-10-31), pages 2308-2310, XP000476525 ISSN: 0003-6951 * the whole document *	12-15	
A		1-23	
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 28 November 2003	Examiner Girardin, F.
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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